

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicants: Takato MASUDA et al.  
Title: METHOD OF OPERATING SUPERCONDUCTING CABLE  
AND SUPERCONDUCTING CABLE SYSTEM  
Appl. No.: 10/549,578  
International Filing Date: 9/9/2004  
371(c) Date: 9/19/2005  
Examiner: Mohammad M. Ali  
Art Unit: 3744  
Confirmation Number: 1198

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated March 24, 2008, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 5 of this document.

Please amend the application as follows: